



May 10, 2019

**Sent via Electronic Mail**

Director, Emergency and Remedial Response Division  
Attn: Chief, New Jersey Remediation Branch, Pohatcong Site  
United States Environmental Protection Agency Region 2  
290 Broadway, 19th Floor  
New York, New York 10007

New Jersey Superfund Branch  
Office of Regional Counsel  
United States Environmental Protection Agency Region 2  
290 Broadway, 17th Floor  
New York, New York 10007  
Attention: Attorney for Pohatcong Site

New Jersey Department of Environmental Protection  
Bureau of Environmental Measurements and Site Assessment  
ATTN.: Fred Mumford  
Mail Code: 380-01  
P.O. Box 420  
Trenton, NJ 08625-0420  
(via *electronic mail only*)

**Re: Monthly Progress Report No. 50  
Reporting Period April 1, 2019 to April 30, 2019  
2014 Vapor Intrusion Removal Action at the Washington Facility  
Pohatcong Valley Groundwater Contamination Superfund Site  
Warren County, New Jersey**

Dear Pohatcong Consent Decree Notice Recipients:

On behalf of Pechiney Plastics Packaging, Inc. (PPPI), the Primary Settling Defendant for the Remedial Design/Remedial Action Consent Decree (CD)<sup>1</sup>, Ramboll US Corporation (Ramboll) submits this monthly progress report in compliance with Section X, Paragraph 30 of the CD and Appendix B-3 to the CD, Statement of Work for the 2014 Vapor Intrusion Removal Action at the

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<sup>1</sup> In the matter of United States of America v. PPPI (Civil Action No. 09-cv-05692) and United States of America v. Bristol Myers Squibb Company, et. al. (Civil Action No. 14-cv-05798) effective March 11, 2015.

Washington Facility (2014 VI Removal Action SOW) at the Pohatcong Valley Groundwater Contamination Superfund (PVGCS) Site. This report provides a description of the actions and activities undertaken pursuant to the CD and related to the 2014 VI Removal Action SOW during this reporting period and plans, actions and data scheduled in the next 8 weeks.

### **Actions Taken toward Compliance with Consent Decree, including Community Relations**

The following activities were performed during this reporting period:

- The long-term soil vapor extraction (SVE) system and east wall sub-slab depressurization system (SSDS) continued operation during this reporting period. The SVE system is currently operating at an overall vacuum of 7 inches Hg with an average inlet flow rate of approximately 440 cubic feet per minute (CFM).
- During this period the 500 CFM SVE system operated 100% of the time (i.e., a total of 720 hours over 30 days) and the east wall SSDS operated 100% of the time.
- The Monthly Progress Report No. 49 for the VI Removal Action at the Washington facility reporting March 2019 activities was submitted to the USEPA in a letter dated April 10, 2019.
- Ramboll collected sub-slab vapor monitoring port vacuum and photoionization detector (PID) measurements on April 25, 2019. These measurements and the SVE blower runtime for the March 2019 reporting period are included in the summary table in Attachment 1. The locations of the SSDS wells and vapor monitoring points are provided in Attachment 2.

### **Routine OM&M Events:**

The following routine OM&M events were conducted during this reporting period:

- None during this period.

### **Problems Encountered, Actions Taken and Their Resolutions**

The following problems were encountered during this reporting period:

- None during this period.

### **Analytical Results and Data Received During the Reporting Period**

The following analytical data were received during this reporting period:

- None during this period.

### **Anticipated Plans, Actions and Data Scheduled (during the Next 8 weeks)**

The following activities are planned for the next eight weeks:

- One round of measurements of the SVE system and SSDS is planned to be performed in May 2019.
- A change-out of the vapor-phase activated carbon for the SVE system is planned for late May/early June 2019.

## **Delays Encountered or Anticipated, and Efforts Taken to Mitigate**

The following delays were encountered during this reporting period:

- None during this period.

## **Closing**

If you have any questions or comments regarding this monthly progress report, please feel free to contact me.

Sincerely,

*Luis Hidalgo*

Luis Hidalgo  
Project Coordinator

## **Attachments:**

- (1) SVE/SSDS Measurements, April 25, 2019
- (2) Locations of SVE Wells, SSDS Extraction Wells, and Vapor Monitoring Points

cc:

*Via Electronic Mail*

Michelle Granger – USEPA, Region 2  
Dave Cline – Rio Tinto  
Jeff Armington – Rio Tinto  
Bruce White – Barnes & Thornburg LLP  
Bruce Kennington – Ramboll

## **ATTACHMENT 1**

**SVE/SSDS Measurements**

**April 25, 2019**

**SVE/SSDS Measurements, April 25, 2019**  
**Vapor Intrusion Response Activities**  
**Albéa Americas, Washington Facility**  
**191 Route 31 North, Washington, Warren County, New Jersey**

Sub Slab Measurement Location	PID (ppm)	Vacuum (inches of water)
<sup>1</sup> CDM-SS-01	--	--
CDM-SS-02N	0.288	-0.136
CDM-SS-02S	0.591	-0.020
CDM-SS-03	1.170	-0.026
CDM-SS-04	1.812	-0.027
CDM-SS-05	3.172	-0.001
CDM-SS-06	0.477	-0.029
<sup>1</sup> CDM-SS-07	--	--
<sup>1</sup> CDM-SS-08	--	--
<sup>1</sup> CDM-SS-09	--	--
CDM-SS-10	1.107	-0.040
EPA-SS-11	1.295	-0.011
EPA-SS-12	2.843	-0.088
<sup>1</sup> EPA-SS-13	--	--
<sup>1</sup> EPA-SS-14	--	--
EPA-SS-15	1.603	-0.001
<sup>1</sup> EPA-SS-16	--	--
EPA-SS-17	3.074	-0.012
EPA-SS-18	1.206	-0.007
EPA-SS-19	1.257	-0.029
EPA-SS-20	1.261	-0.057
EPA-SS-21	3.103	-0.030
EPA-SS-22	4.607	-0.050
<sup>1</sup> EPA-SS-23	--	--
EPA-SS-24	4.324	-0.342
EPA-SS-25	2.102	-0.002
<sup>1</sup> EPA-SS-26	---	---
<sup>1</sup> EPA-SS-27	---	---
<sup>1</sup> EPA-SS-28	---	---
EPA-SS-29	1.197	-0.001
EPA-SS-30	4.760	-2.081
EPA-SS-31	1.930	-0.541
EPA-SS-32	2.457	-0.400
VP-2	4.869	-0.031
VP-3	1.955	-0.004
<sup>1</sup> VP-7	---	---
VP-10	1.576	-0.077
VP-11	1.391	-0.005
<sup>1</sup> VP-12	---	---
<sup>1</sup> VP-13	---	---
VP-14	2.107	-0.087
<sup>1</sup> VP-15	---	---
<sup>1</sup> VP-16	---	---

SVE/SSDS Measurement Location	PID (ppm)	Vacuum (inches of water)
SSDS-01	1.430	-34
SSDS-02	2.030	-37
SSDS-03	1.270	-12
SSDS-04	3.646	-38
SSDS-05	1.530	-4
<sup>2</sup> SSDS-06	---	---
<sup>2</sup> SSDS-07	---	---
<sup>2</sup> SSDS-08	---	---
<sup>2</sup> SSDS-09	---	---
<sup>2</sup> SSDS-10	---	---
SVE-1	8.539	-71
SVE-2	4.202	-70
SVE-3	2.600	-79
SVE-4	5.177	-69
SVE-5	2.005	-74
SVE-6	1.357	-78
SVE-7	8.070	-80
<sup>1</sup> SVE-8	--	--
SVE-9	4.137	-73
SVE-10	3.760	-72
SVE-11	2.803	-70
SVE-12	5.340	-73
SVE-13P	2.527	-49
SVE-14P	2.782	-68
SVE-15P	3.007	-26
SVE-16P	4.425	-26

Vapor Phase GAC Measurements	
Location	PID (ppm)
VGAC1 IN	5.024
VGAC1 OUT	1.615
VGAC2 OUT	0.750

Summary of SVE Blower Runtime for Reporting Period	
Hour Meter at end of Previous Reporting Period (Hours)	40,622
Hour Meter at end of Current Period (4/30/2019) (Hours) <sup>3</sup>	635
Total SVE Blower Runtime for Reporting Period (Hours)	720

**Notes:**

- <sup>1</sup> Vapor monitoring point not accessible; no measurement collected.
- <sup>2</sup> Locations SSDS-06 through SSDS-10 (West Wall) are for standby use only and were not operational at the time of measurement.
- <sup>3</sup> System hour meter was reset due to a malfunctioning timer. No unplanned shutdown of the VI system occurred during this reporting period.

## **ATTACHMENT 2**

**Locations of SVE Wells, SSDS Extraction Wells, and Vapor Monitoring Points**

TPENNSI 10/13/15 [SMPL\_VAC&PID\_0211697\_J F:0211697\_FINAL VI REPORT

